VENUS

**Venus**

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**The goddess of love and beauty Venus. Its one of the brightest planets and the sixth largest.**

**1. Distance from Sun / A.U.- 108,200,000 km (0.72 AU)**

**2. Perihelion / Aphelion-**

**3. Orbital Period / Rotational Period- /243 Earth days per Venus day**

**4. Names of Satellites-** Venus doesn't have any  
  
**5. Equatorial Diameter / Radius-** 12,103.6 km/  
  
**6. Mass / Density / Volume-** 4.869e24 kg/  
  
**7. Axial Tilt-** the tilt of venus is 177.3 degrees  
**8. Date of discovery-**1600 BC, galileo was the first to discover this by observing this through his telescope  
  
**Other Information to include: (Write)**

**1. Composition & Structure (Internal, Surface, Atmosphere)- 90 atmospheres about the same pressure in 1 depth of km in Earth's oceans. Mostly composed of carbon dioxide. The layers of clouds are a km thick and has sulfuric acid in it.**

**2. Climate-** 400 degrees to over 740 K (hot enough to melt lead)  
**3. Ancient history (discovery / observation)**  
**4. Past missions (exploration) to planet / body-**The first spacecraft to visit Venus was Mariner 2 in 1962. It was subsequently visited by many others (more than 20 in all so far), including Pioneer Venus and the Soviet Venera 7 the first spacecraft to land on another planet, and Vernera 9 which returned the first photographs of the surface. The first orbiter, the US spacecraft Magellan. **5. Rings (If applicable)**  
**6. Magnetic field / core (if applicable-** Doesn't have a magnetic field. The rotation is slow.  
**7. Choice of interesting topic**

http://en.wikipedia.org/wiki/Venus

<http://www.universetoday.com/22560/discovery-of-venus/>

<http://www.universetoday.com/36123/axis-of-venus/>